Table CT8. Electric Power Sector Consumption Estimates, Selected Years, 1960-2016, Kentucky

Year	Coal	Natural Gas [a]	Petroleum				Nuclear Electric Power	Hydroelectric Power [d]	Biomass	Geothermal [f]	Solar [f,g]	Wind [f]	Net Electricity Imports [h]	Total [f,i]
			Distillate Fuel Oil [b]	Petroleum Coke	Residual Fuel Oil [c]	Total			Wood and Waste [e,f]					
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels				Million Kilowatthours			Million Kilowatthours				
1960	7,466	2	(s)	0	9	10	0	2,633	– –	0	NA	NA	0	– –
1965	12,210	(s)	(s)	0	14	14	0	2,464	– –	0	NA	NA	0	– –
1970	18,698	9	4	0	121	124	0	3,174	– –	0	NA	NA	0	– –
1975	22,366	(s)	7	0	100	108	0	3,463	– –	0	NA	NA	0	– –
1980	24,383	2	227	0	0	227	0	2,940	– –	0	NA	NA	0	– –
1985	27,085	1	270	0	0	270	0	2,941	– –	0	0	0	0	– –
1990	30,867	(s)	212	0	0	212	0	3,160	– –	0	0	0	0	– –
1995	35,707	1	282	0	0	282	0	3,423	– –	0	0	0	0	– –
1996	37,071	2	308	0	0	308	0	3,497	– –	0	0	0	0	– –
1997	38,281	2	266	0	0	266	0	3,380	– –	0	0	0	0	– –
1998	38,197	6	292	721	0	1,013	0	3,116	– –	0	0	0	0	– –
1999	39,595	6	263	0	0	263	0	2,557	– –	0	0	0	0	– –
2000	40,180	4	309	0	0	309	0	2,325	– –	0	0	0	0	– –
2001	41,305	4	225	0	0	225	0	3,856	– –	0	0	0	0	– –
2002	38,605	14	335	6,914	0	7,249	0	4,025	– –	0	0	0	0	– –
2003	38,521	4	310	5,752	0	6,062	0	3,948	– –	0	0	0	0	– –
2004	39,342	5	255	7,096	0	7,351	0	3,780	– –	0	0	0	0	– –
2005	40,352	17	230	7,146	0	7,376	0	2,961	– –	0	0	0	(s)	– –
2006	41,938	12	193	6,562	0	6,755	0	2,592	– –	0	0	0	0	– –
2007	41,064	19	242	5,323	0	5,566	0	1,669	– –	0	0	0	0	– –
2008	42,191	10	255	5,475	0	5,730	0	1,917	– –	0	0	0	0	– –
2009	39,271	8	281	3,754	0	4,035	0	3,318	– –	0	0	0	0	– –
2010	41,891	19	230	4,149	0	4,378	0	2,580	– –	0	0	0	0	– –
2011	42,543	16	249	3,040	0	3,289	0	2,969	– –	0	0	0	0	– –
2012	38,978	31	226	2,710	0	2,937	0	2,362	– –	0	0	0	0	– –
2013	39,475	15	222	2,497	0	2,718	0	3,275	– –	0	0	0	0	– –
2014	39,214	27	244	2,006	0	2,250	0	3,144	– –	0	0	0	0	– –
2015	34,381	52	244	1,843	0	2,087	0	3,403	– –	0	0	0	0	– –
2016	32,071	66	212	2,194	0	2,406	0	3,478	– –	0	12	0	0	– –
							Trillion Btu							
1960	171.5	2.4	(s)	0.0	0.1	0.1	0.0	28.3	0.0	0.0	NA	NA	0.0	202.3
1965	279.5	0.5	(s)	0.0	0.1	0.1	0.0	25.8	0.0	0.0	NA	NA	0.0	305.8
1970	408.6	8.7	(s)	0.0	0.8	0.8	0.0	33.3	0.0	0.0	NA	NA	0.0	451.3
1975	480.4	0.3	(s)	0.0	0.6	0.7	0.0	36.0	0.0	0.0	NA	NA	0.0	517.4
1980	558.8	1.9	1.3	0.0	0.0	1.3	0.0	30.5	0.0	0.0	NA	NA	0.0	592.6
1985	616.7	1.1	1.6	0.0	0.0	1.6	0.0	30.7	0.0	0.0	0.0	0.0	0.0	650.2
1990	712.8	0.3	1.2	0.0	0.0	1.2	0.0	32.9	0.0	0.0	0.0	0.0	0.0	747.2
1995	831.9	0.9	1.6	0.0	0.0	1.6	0.0	35.3	0.0	0.0	0.0	0.0	0.0	869.8
1996	855.6	1.9	1.8	0.0	0.0	1.8	0.0	36.2	0.0	0.0	0.0	0.0	0.0	895.4
1997	886.7	2.2	1.5	0.0	0.0	1.5	0.0	34.5	0.0	0.0	0.0	0.0	0.0	925.0
1998	882.2	5.9	1.7	4.3	0.0	6.0	0.0	31.8	0.0	0.0	0.0	0.0	0.0	925.9
1999	914.8	5.8	1.5	0.0	0.0	1.5	0.0	26.1	0.0	0.0	0.0	0.0	0.0	948.2
2000	933.0	4.3	1.8	0.0	0.0	1.8	0.0	23.7	0.0	0.0	0.0	0.0	0.0	962.8
2001	944.1	4.5	1.3	0.0	0.0	1.3	0.0	39.8	0.0	0.0	0.0	0.0	0.0	989.8
2002	888.9	14.0	1.9	41.7	0.0	43.6	0.0	40.9	0.0	0.0	0.0	0.0	0.0	987.5
2003	882.5	3.8	1.8	34.7	0.0	36.5	0.0	40.0	(s)	0.0	0.0	0.0	0.0	962.7
2004	894.7	5.0	1.5	40.6	0.0	42.1	0.0	37.9	0.8	0.0	0.0	0.0	0.0	980.4
2005	920.9	17.7	1.3	40.9	0.0	42.2	0.0	29.6	0.8	0.0	0.0	0.0	(s)	1,011.2
2006	958.5	12.6	1.1	37.5	0.0	38.6	0.0	25.7	1.1	0.0	0.0	0.0	0.0	1,036.5
2007	953.7	19.9	1.4	30.4	0.0	31.8	0.0	16.5	1.1	0.0	0.0	0.0	0.0	1,023.1
2008	965.7	9.8	1.5	31.3	0.0	32.8	0.0	18.9	1.3	0.0	0.0	0.0	0.0	1,028.5
2009	892.4	8.6	1.6	21.5	0.0	23.1	0.0	32.4	0.8	0.0	0.0	0.0	0.0	957.3
2010	958.4	19.7	1.3	23.7	0.0	25.1	0.0	25.2	0.6	0.0	0.0	0.0	0.0	1,029.0
2011	961.6	15.9	1.4	17.4	0.0	18.8	0.0	28.8	0.6	0.0	0.0	0.0	0.0	1,025.8
2012	879.8	31.9	1.3	15.5	0.0	16.8	0.0	22.5	1.2	0.0	0.0	0.0	0.0	952.1
2013	886.6	15.0	1.3	14.3	0.0	15.6	0.0	31.2	1.2	0.0	0.0	0.0	0.0	949.6
2014	886.4	27.7	1.4	11.5	0.0	12.9	0.0	29.9	1.1	0.0	0.0	0.0	0.0	957.9
2015	769.7	53.0	1.4	10.5	0.0	11.9	0.0	31.7	1.1	0.0	0.0	0.0	0.0	867.5
2016	715.8	68.5	1.2	12.5	0.0	13.8	0.0	32.1	1.2	0.0	0.1	0.0	0.0	831.5

[a] Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.
[b] Prior to 1980, based on oil used in internal combustion and gas turbine engine plants. For 1980 through 2000, distillate fuel oil includes fuel oil Nos. 1 and 2, and small amounts of kerosene and jet fuel.
[c] Prior to 1980, based on oil used in steam plants. For 1980 through 2000, residual fuel oil includes fuel oil Nos. 4, 5, and 6.
[d] Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.
[e] Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
[f] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
[g] Solar thermal and photovoltaic energy.
[h] Electricity traded with Canada and Mexico. Btu value calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour.
[i] Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

– – = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than +0.5 and greater than -0.5 or Btu value less than +0.05 and greater than -0.05.

Notes: Totals may not equal sum of components due to independent rounding. • The electric power sector comprises electricity-only and combined-heat-and-power (CHP) plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. • Through 1988, data are for electric utilities only. Beginning in 1989, data include independent power producers. • The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at https://www.eia.gov/state/seds/seds-data-complete.php.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.